

The Training Center is located near Forsyth off of I75, Exit 181 (Rumble Road), turn right (if coming from the north) or left (if coming from the south) onto Rumble Road and the Training Center is located approximately 3/4 mile on left. Sign reads "Electric Cooperative Training Center".

North
I-75

PO Box 331
955 Rumble Rd
Smarr, GA 31086
800-226-6324
478-992-6100

Holiday Inn Express

Shoneys

Exit 186

Exit 185

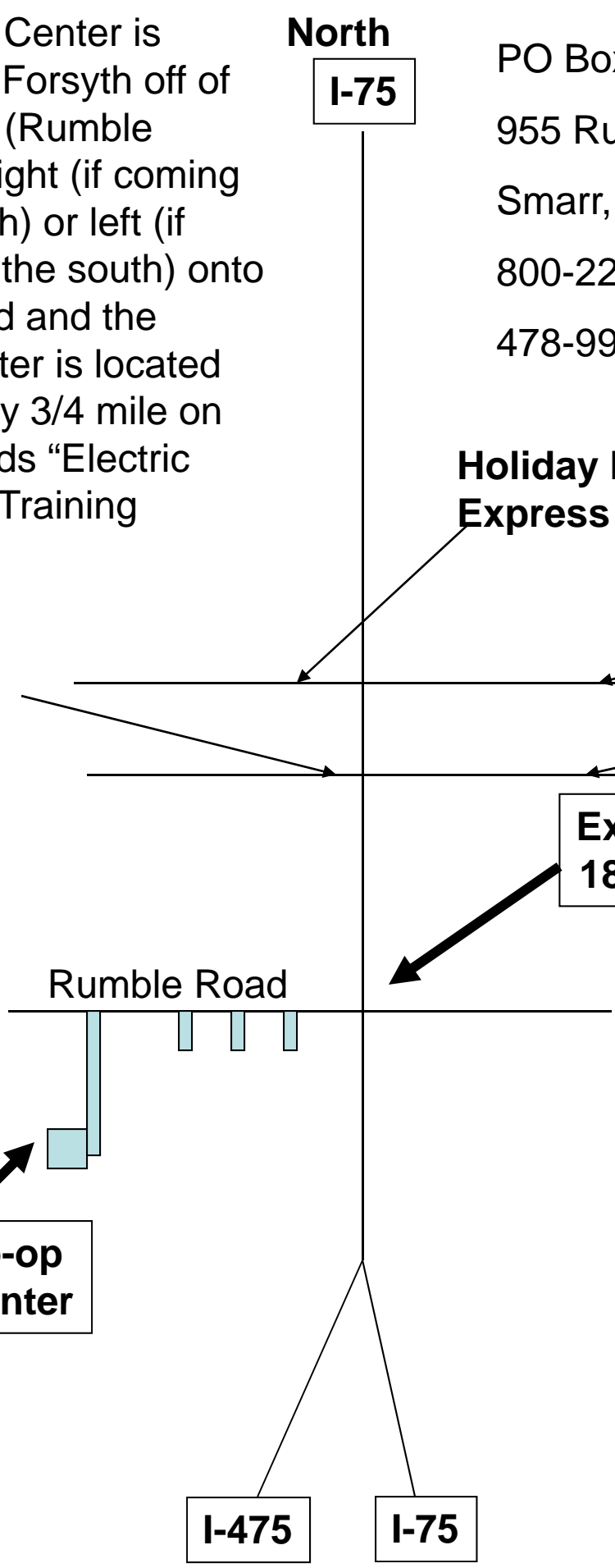
Exit 181

Rumble Road

Electric Co-op Training Center

I-475

I-75





Adopted Vision and Revised Draft Goals Middle Ocmulgee Water Planning Region

Adopted Vision

as adopted by the Council 9.10.09

The Middle Ocmulgee Water Council will work so that our water resource, both surface and subsurface, is of exceptional quality and quantity for the well being and prosperity of all that will follow. Our plan will consider the resource's natural integrity, wise conservation and prudent management for continuing economic development and enhanced quality of life for all the region's citizens.

Revised Draft Goals

as recommended by the Technical Subcommittee 9.08.10

1. Maximize existing water supply sources to the extent practicable.
2. Provide sufficient water supply for the region.
3. Promote efficient use of water.
4. Promote properly managed wastewater discharges and beneficial reuse.
5. Support the reduction of non-point source pollution.
6. Support planning and management of water resources to maintain a healthy economy and ensure a high quality of life.
7. Promote stewardship of water resources through land management practices.

DRAFT to be Reviewed by Middle Ocmulgee Water Planning Council

Table 6-2: Water Management Practices Considered for the Middle Ocmulgee Planning Region (Water Quantity)

***to be included in Table 7-1 of EPD template**

	ID	Action(s) Needed (Management Practice)	Issues to be Addressed by Action(s)	Description/Definition of Action	Relationship to Vision and Goals (Section 1.4)*	Responsible Party	Sector
INFRASTRUCTURE [Supply and Return Management]	1	Construct New Surface Water Storage Reservoirs	Local water supply needs	Conduct feasibility study based on local needs and conditions (generally for areas north of the Fall Line)	2, 6	Local governments/utilities/industries	Municipal
	2	Maximize Existing Surface Water Reservoir Storage	Local water supply needs	Increase the height of existing dam or dredging to provide additional storage	1, 2, 6	Local governments/utilities/industries	Municipal
	3	Investigate New Groundwater Sources	Local water supply needs	Generally Cretaceous aquifer for south of the Fall Line and Crystalline-Rock aquifer for north of the Fall Line	2, 6	Local governments/utilities; private industrial/ag users	All
	4	Evaluate System Interconnections for Water Supply	Local water supply needs and overall system reliability improvements	Obtaining water from neighboring entities for regular or emergency supply	1, 2, 6	Local governments/utilities	Municipal
	5	Construct Water Treatment Plant (New)	Local water supply needs	Treatment of surface water or a combination of surface and groundwater	1, 2, 6	Local governments/utilities	Municipal
	6	Expand Existing Water Treatment Plant	Local water supply needs	Maximize capacity potential at existing facilities or upgrade existing facilities	2, 6	Local governments/utilities	Municipal
	7	Promote and Evaluate Beneficial Reuse	Local water supply needs and overall promotion of beneficial reuse	- Indirect potable reuse: return highly treated wastewater to water supply reservoirs - Non-potable reuse: irrigation with highly treated effluent in areas such as golf courses, parks and residences	2, 3, 4, 6	Local governments/utilities	Municipal
	8	Investigate Interbasin Transfers	Not applicable	May have negative impact on donor basin and will only be considered following extensive consumptive use assessments	1, 6	Local governments/utilities	Municipal
PROGRAMMATIC [Demand Management]	9	Implement SB370 Requirements	Demand management and regulatory requirements	- Conduct water loss audit and report results to EPD - Adopt ordinance restricting outdoor watering between the hours of 10am and 4pm - Require submetering for all newly constructed residential and light industrial buildings - Require high efficiency plumbing fixtures (1.28 gal/flush) in all new construction - Require high-efficiency cooling towers in new industrial construction - Evaluate existing agricultural water permits status	3, 6	Local governments/utilities; planning department; developers/property owners; private industries; ag permit holder users	Municipal
	10	Develop/Implement Additional Municipal (Domestic & Commercial) Water Conservation & Efficiency Programs	Demand management	- Conduct water conservation and efficiency evaluation - Implement Tier 3 efficiency measures such as: 1) meter calibration/testing based on industry standards; 2) automatic meter reading; 3) valve maintenance; 4) GIS systems (per Council Meeting 6 discussions)	3	Local governments/utilities	Municipal
	11	Develop/Implement Additional Industrial Water Conservation and Efficiency Programs	Demand management	Tier 3 practices (Industrial): 1) Conduct industrial water audits; 2) Keep water log and maintain water use database; 3) Investigate tax credits/rebate/permit extension for incentives for businesses	3	Industries	Industrial
	12	Develop/Implement Additional Agricultural Water Conservation & Efficiency Programs	Demand management	Tier 3 practices (Agricultural): 1) Collect data and information on cropping and water conservation practices on farms; 2) Conduct irrigation audits; 3) Install rain sensors on irrigation systems	3	GASWCC and county extension services	Agricultural
	13	Develop/Implement Additional Commercial Water Conservation & Efficiency Programs	Demand management	Tier 3 Practices (Landscape): 1) Education/Certification program for professionals; 2) Education program for customers Tier 3 Practices (Golf Courses): 1) Develop and implement Best Management Practices; 2) Keep water use log and maintain water use database	3	Local governments/utilities County Extension Service/Georgia Green Industry Association/GA Soil and Water Conservation Commission	Commercial
	14	Promote Full-Cost System Accounting	Better planning and management of rate payer resources	- Perform a rate and revenue analysis - Investigate irrigation meter pricing (non-punitive) - Evaluate billing system functionality - Review and update pricing - Implement full cost accounting practices	1, 3, 6	Local governments/utilities	Municipal
	15	Encourage Conservation-Oriented Rate Structures	Demand management	- Provide inclining block rates (such as a three-tiered program) or seasonal surcharge that charge customers more per unit for higher discretionary water use. - Eliminate flat or declining block rate structures	1, 3, 6	Local governments/utilities	Municipal
	16	Develop/Update Local Water Master Plan every 5 Years	Better planning and management of water resources	Evaluation of water supply sources, treatment and distribution system evaluation, water use/efficiency evaluation, capital improvements planning	6	Local governments/utilities	Municipal

* Refer to Draft Goal Summary Sheet in Pre-Meeting Packet

DRAFT to be Reviewed by Middle Ocmulgee Water Planning Council

Table 6-2: Water Management Practices Considered for the Middle Ocmulgee Planning Region (Water Quality)						*to be included in Table 7-1 of EPD template	
ID	Action(s) Needed (Management Practice)	Issues to be Addressed by Action(s)	Description/Definition of Action	Relationship to Vision and Goals (Section 1.4)*	Responsible Party	Sector	
INFRASTRUCTURE [Return Management]	17	Construct Advanced Wastewater Treatment Facilities	Water quality gap; nutrient removal or improved assimilative capacity; local wastewater capacity needs	Provide tertiary treatment for nutrient removal	4	Local governments/utilities/industries	Municipal & Industrial
	18	Upgrade Existing Wastewater Treatment Facilities	Water quality gap; improved assimilative capacity; local wastewater capacity expansion	Upgrade existing facilities to increase capacity or to improve level of treatment	4	Local governments/utilities/industries	Municipal & Industrial
	19	Develop Wastewater Collection System Asset Management Program	Better planning and management of rate payer resources	- Develop and maintain GIS system database - Establish Capacity Management, Operations and Maintenance (CMOM) program - Develop system maintenance and update schedule	4	Local governments/utilities	Municipal
	20	Construct Land Application System (LAS) in Non-Urban Low-Density Areas	Local wastewater capacity needs	Construction of new land application system should be considered for low-density areas	4	Local governments/utilities	All
	21	Decrease Use of Land Application Systems (LAS) in Urban Areas	Improved assimilative capacity by increasing returns	To increase returns to surface water bodies in high-density urban areas	4	Local governments/utilities	Municipal
	22	Decrease Use of OSSMSs (Septic) in Urban Areas	Improved assimilative capacity by increasing returns	To increase returns to surface water bodies and to prevent long-term water quality problems caused by failing OSSMS	4	Local governments/utilities	Municipal
	23	Evaluate Constructed Treatment Wetlands (Beneficial Reuse)		To provide polishing treatment and promote beneficial reuse, wildlife habitat and public use benefits	4	Local governments/utilities	Municipal & Industrial
PROGRAMMATIC	24	Develop and Implement Stormwater Public Education and Outreach	Reduction of non-point source pollution		5	Local governments/utilities	Municipal
	25	Adopt Stormwater Management Standards for New Development	Reduction of non-point source pollution	Adopt an ordinance/policy that requires stormwater management for new development using Georgia Stormwater Management Manual	5	Local governments/utilities	Municipal
	26	Develop/Implement Watershed Protection Plan Measures	Water quality protection of source water	- Reservoir buffers - Lot size requirements - Septic setbacks - Reservoir use restrictions	1, 7	Local governments/utilities	Municipal
	27	Reduce Runoff from Impervious Surfaces	Reduction of non-point source pollution	- Low Impact Development (LID) - Land (green space) conservation - Transfer of development rights	5	Local governments/utilities; planning departments and agencies	All
	28	Establish a Stormwater Utility to Increase Funding	Reduction of non-point source pollution	- For local governments serving > 10,000 people	5	Local governments/utilities	Municipal
	29	Develop/Update Local Stormwater Master Plan	Reduction of non-point source pollution	Every 5 Years	5	Local governments/utilities	Municipal
	30	Develop/Update Local Wastewater Master Plan	Better planning and management of water resources	- Every 5 Years - Evaluation of wastewater returns, treatment and collection system and disposal options, capital improvement planning	4, 6	Local governments/utilities	Municipal
	31	Develop Program to Protect Sensitive Land	Better planning and management of water resources	- Stream buffer - Floodplains - Wetlands - Steep slopes	6, 7	Local governments/utilities	Municipal
	32	Develop Commercial/Industrial Pollution Prevention Programs	Reduction of non-point source pollution	Prevent pollutants from reaching waterbodies	5, 7		Municipal & Industrial
	33	Promote Coordinated Environmental Planning	Better planning and management of water resources	Promote comprehensive planning of land use, transportation, water resources, and financial planning	ALL	EPD, DCA, RC, local planning agencies	Municipal
	34	Develop Educational Programs for Homeowners with OSSMSs (Septic)		- Emphasize proper maintenance of OSMMS	4, 7	Local governments/County health departments	Municipal
	35	Promote/Support Maintenance for Homeowner OSMMSs		- Inspections - Pumping	4, 7	Local governments/County health departments	Municipal
	36	Evaluate Water Quality Trading		- Market-based approach that can complement water-quality regulation - Allows facilities to buy pollutant-reduction credits from other facilities in the same watershed (or non-point sources like agriculture) - Non-point source pollutant reductions are frequently less expensive than treatment-plant upgrades - Trading programs can cost-effectively improve water quality	4, 5, 6	Applicable local governments/private entities	Municipal

* Refer to Draft Goal Summary Sheet in Pre-Meeting Packet

Georgia Department of Natural Resources

2 Martin Luther King Jr., Drive, Suite 1152 East, Atlanta, Georgia 30334

Chris Clark, Commissioner

F. Allen Barnes, Director

Environmental Protection Division

(404) 656-4713

NOTICE:

MIDDLE OCMULGEE REGIONAL WATER PLANNING COUNCIL MEETING FOR COMPREHENSIVE STATE-WIDE WATER MANAGEMENT PLAN IMPLEMENTATION

Announcement Date: August 24, 2010

TO ALL INTERESTED PERSONS AND PARTIES:

The **Middle Ocmulgee** Regional Water Planning Council is holding its next meeting at the following time, date and location:

September 22, 2010

8:30 a.m. – 9:00 a.m. Registration

9:00 a.m. – 4:00 p.m.

Georgia EMC
955 Rumble Rd
Smarr, Georgia 31086

For additional information about the **Middle Ocmulgee** Regional Water Planning Council please contact:

Kevin Farrell, Assistant Branch Chief – EPD Watershed Protection Branch

404-675-1621

Kevin.Farrell@dnr.state.ga.us

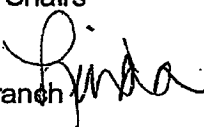
Georgia Department of Natural Resources

Environmental Protection Division, Watershed Protection Branch
4220 International Parkway, Suite 101, Atlanta, Georgia 30354
Linda MacGregor, P.E., Branch Chief
404/675-6232
FAX: 404/675-6247

September 9, 2010

MEMORANDUM

TO: Council Chairs and Vice Chairs

FROM: Linda MacGregor, Chief
Watershed Protection Branch 

SUBJECT: Regional Water Councils' Joint Meeting
October 6, 2010
Macon State College Conference Center

I would like to commend you for your work to date on Regional Planning as we move towards the completion of a truly historic planning effort, and thank you in advance for your continuing efforts related to developing your recommended Regional Water Plans. The first round of Regional Council Joint Meetings, held in January 2010, focused on the results of the resource assessments, and was structured by basin and aquifer. Now, Councils are moving towards selecting management practices and solutions to water resource issues. The next Joint Meeting of the ten Regional Water Councils and the Metro Water District will take place on October 6, 2010, and will focus on proposed management practices and solutions.

The Regional Water Councils Joint Meeting scheduled for October 6, 2010 will:

- Provide a forum for all Councils to discuss shared issues and solutions
- Serve as an informational session related to proposed management practices
- Begin to integrate solutions into regional and statewide perspectives and work towards implementation.
- Assist both Council and EPD to meet responsibilities related to coordination between adjacent councils or those that share resources, as called for in Council Memoranda of Agreement¹, and ensure coordination of planning across the boundaries of planning regions as specified in the Statewide Water Plan².

The October Joint Meeting will take place in Macon, at Macon State College Conference Center. All councils, including the Metro Water District, are invited to attend, with the expectation that each council would send representatives to serve on panels and participate in discussions on management practices and solutions. We also expect a high level of public attendance.

¹ Memorandum of Agreement, Section 1D: "Responsibilities of the Council include: Coordinating with adjacent water planning councils and/or water planning councils that share water resources." Section 2G: "Responsibilities of EPD include: Ensuring coordination of water planning across the boundaries of adjoining water planning regions."

² "Coordination activities may include joint work sessions of adjacent water planning councils, convened by the councils or EPD." (State Water Plan 14.6.ci)

The format of the meeting will consist of panel discussions and some open house time. Panels made up of representatives from councils (approx 4-6 councils per topic) will discuss four general topics. Each council representative will touch on:

- How the issue impacts their region specifically,
- Management practices and solutions the council is proposing,
- Coordination issues on shared resources among multiple councils, and
- Implementation steps and statewide implications moving forward.

The four topics will likely include at least one panel each on water quality, water quantity, and groundwater, with the fourth yet to be determined. Chairs are asked to discuss more detailed and narrow topics with their Assistant Branch Chief to allow the agenda to fully reflect the council's interests.

Possible Detailed Topics for Panel Discussions:

- Water Quality issues – Nutrients in Lakes
- Groundwater Availability and Coastal groundwater (saltwater intrusion)
- Water supply sources (Groundwater wells [dispersed supply] and reservoirs)
- Water Supply needs in 2050 (meeting forecasted demand and instream flow targets to avoid future gaps)
- Meeting demand for wastewater treatment (septic vs centralized wastewater treatment)
- Water Conservation Practices
- Agricultural management practices
- Water resource issues for urbanizing areas and areas undergoing significant land-use changes (urban runoff and nonpoint source pollution)
- Management Practices and solutions for limited assimilative capacity
- Management practices to support instream flow
- Coordination with local governments and neighboring states
- Interfacing with local governments and water and wastewater utilities on implementation

We are looking forward to vibrant and animated discussions, useful knowledge transfer and information sharing. Please do not hesitate to contact me or Michelle J. H. Vincent at 404-291-2812 for any additional information.

LM:mjvh

Georgia Department of Natural Resources

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Chris Clark, Commissioner

F. Allen Barnes, Director

Environmental Protection Division

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NOTICE:

**REGIONAL WATER COUNCILS JOINT MEETING
FOR
COMPREHENSIVE STATE-WIDE WATER MANAGEMENT PLAN
IMPLEMENTATION**

Announcement Date: September 9, 2010

TO ALL INTERESTED PERSONS AND PARTIES:

There will be a Joint Meeting of the Regional Water Councils at the following time, date, and location:

8:30 AM - 4:00 PM

October 6, 2010

Macon State College,

Professional Sciences Conference Center

100 College Station Drive, Macon, GA 31206

(478) 471-2770

For additional information about the Regional Water Councils Joint Meeting, please contact:

Michelle Vincent, Water Council Liaison

404-675-1641

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